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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Group and Unit: 1502

Examiner:

Inventor: Boris E. Goldman

Serial No.: 08/020,202

Filed: February 19, 1993

For: COMPOSITIONS AND  
METHODS FOR  
PROMOTING  
HAIR GROWTH

SUPPLEMENTAL INFORMATION  
DISCLOSURE STATEMENT  
UNDER 37 C.F.R. §1.56

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**CERTIFICATE OF MAILING**

*I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231 on June 17, 1994.*

By

*Debra G. Smith*

Hon. Commissioner of Patents  
and Trademarks  
Washington, D.C. 20231

Sir:

Applicant submits herewith copies of the following references, previously cited in the Information Disclosure Statement and PTO-1449 forms filed February 25, 1994:

Hamilton, J.B., "Male Hormone Stimulation is Prerequisite and an Incitant in Common Baldness." *Am J. Anat.* 71:451-480 (1942);

Jonsson, K. et al., "Tissue Oxygenation, Anemia, and Perfusion in Relation to Wound Healing in Surgical Patients," *Ann. Surg.* 214, 5:605-613 (1991);

Bruchovsky, N. et al., "The Conversion of Testosterone to 5  $\alpha$ -Androstan-17  $\beta$ -ol-3-one Rat Prostate *in Vivo* and *in Vitro*," *J. Biol. Chem.* 243:2012 (1968); and

Fang, S. et al., "Receptor Proteins for Androgens," *J. Biol. Chem.* 244:6584 (1969).

Applicant also submits herewith copies of the following journal articles:

Thigpen, A.E. et al., "Tissue Distribution and Ontogeny of Steroid 5 Alpha-Reductase Isozyme Expression," *J. Clin. Invest.* 92(2):903-10 (1993);

Mellin, T.N. et al., "Azasteroids as Inhibitors of Testosterone 5 Alpha-Reductase in Mammalian Skin," *J. Steroid Biochem. Mol. Biol.* 44(2):121-31 (1993);


Imperato-McGinley, J. et al., "The Androgen Control of Sebum Production. Studies of Subjects with Dihydrotestosterone Deficiency and Complete Androgen Insensitivity," *J. Clin. Endocrinol. Metab.* 76(2):524-8 (1993);

Diani, A.R. et al., "Hair Growth Effects of Oral Administration of Finasteride, a Steroid 5 Alpha-Reductase Inhibitor, Alone and in Combination with Topical Minoxidil in the Balding Stumptail Macaque," *J. Clin. Endocrinol. Metab.* 74(2):345-50 (1992).

Because a first Office Action has been mailed, pursuant to 37 C.F.R. 1.17(p), Applicant submits a check herewith for \$200.00. If for some reason additional fees are due, the Commissioner is hereby authorized to charge the fee due to Deposit Account No. 08-0750. A duplicate copy of this Information Disclosure Statement is enclosed for this purpose.

It is Applicant's opinion that the claims presently on file patentably distinguish the present invention from each of these references. The above references are being cited only in the interests of candor and without any admission that they constitute statutory prior art or contain matter which anticipates the invention or which would render the same obvious, either singly or in combination, to a person of ordinary skill in the art.

Respectfully submitted,

By   
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DFS:amg  
Enclosures

Attorney Docket No. 7019-00001